



North Carolina Waterworks Operators Association

"Training Tomorrow's Water Professionals Today"

November 2015, Volume 18, Number 4



GO WITH THE FLOW

The purpose of GO WITH THE FLOW is to keep you, the operator, informed of some of the training opportunities that are available for your certification needs (new and renewal). The Training/Meetings calendar will be updated quarterly as information about new training opportunities becomes available. Events may be scheduled by: NCWOA, Public Water Supply Section, State Laboratory of Public Health, and other sources. This newsletter may also contain information on new regulations, news from the Certification Board, and important need-to-know resource contacts.

Operator's Spotlight

A Conversation with Wade Barnett

Depending on what water system one works for determines the day-to-day operations for that system. For the most part, most water systems throughout North Carolina are operated the same; pipes are buried in the ground and treated water flows through them daily to supply the needs of all the towns and cities across the state. The one water system to do just this very thing is the one in place at Mount Mitchell State Park; however, it's pipes are buried five feet in the ground and water is placed in holding tanks a half mile below the mountain with mammoth pumps and lift stations to get the water to the park for its visitors, restaurant (Built in 1954), and personnel barracks.

Wade Barnett, maintenance manager for the state park, is in charge of this elaborate water and sewer system. He has been with the state park for 12 years and absolutely loves his job and enjoys talking about it because it is very different than your average, run-of-the-mill water/sewer facility.

"On the water side, we pump our water from half mile below to holding tanks, a 27,000 gallon tank, a 20,000 gallon, a 10,000 gallon, and a 1,200 gallon," says Barnett. "It's really an elaborate system. There is no water up there. We are at 6,684 elevation and we have to pump it from a half mile below."

Along with his water system, he has to maintain a drip irrigation system that is used to irrigate the spruce trees in the park. He says that system has to be shut



down by October 14 because the winters are so harsh.

"The first week in February of this year the wind chill was -44," he says. "Each 1,000 foot you go in elevation is like going 600 miles north. I have seen 120 MPH winds up there. We have to bury all of our water lines about 5 feet deep to protect them."

Back in 2009, Barnett oversaw a half million dollar upgrade to the system. He had a scada system put in which has been a blessing to him. From the water treatment plant to the top is a 38 mile commute. Keep in mind, you have to be within 50 miles of your treatment plant.

"The scada system has taken the load off," Barnett says. "I can just mash the button half a mile up the mountain and turn my pumps on half a mile below. I go down there once or twice a week to check on things. It has an automatic chlorinator so when I start the scada, it starts the chlorinators and everything. It

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has verification lights half a mile from the pumps that tell me everything is working.”

Barnett is a state employee and works in the same division as DENR. He came to the water industry from the pharmaceutical industry and he says he just got tired of what he was doing and saw a job posting in the paper.

“I said, ‘That’s me right there,’” he laughs. I love meeting all the people and being outside. I get the traffic count on the Blue

Ridge Parkway in the morning, unlock the gate to the park and I start. I go straight to waste treatment and start pumping water at the same time.”

Barnett has just returned from an ATV excursion in Colorado with his son. This was his 23rd visit to the Centennial State. With his work schedule, eight, 10-hour days and six days off, he has a lot of time to spend outdoors. He has biked the Blue Ridge Parkway twice and has biked some

in eastern North Carolina. He has no plans of retiring any time soon but says when he does he plans on sitting on his porch and doing nothing. When asked if he plans on fishing or playing any golf he says. “I am not much of a fisherman and I have lost a lot of good friends to golf. They used to ride ATVs but not since they started playing golf!” Barnett loves what he does for now maintaining the water supply and sewer system for the highest peak east of the Mississippi River.

Operator’s Spotlight

A Conversation with Barry Parks

Director of Water Resources for the City of Wilson, Barry Parks, says he absolutely loves his job serving the customers in the City of Wilson and Wilson and Johnston counties. Parks is responsible for water treatment, water distribution, re-use, wastewater, wastewater collections, and wastewater treatment. He says it takes 109 employees to help him oversee the day-to-day operations in water and wastewater. The City of Wilson has approximately 50,000 customers on the water side and it supplies water for a few thousand in Wilson County, the northeast corner of Johnston County, and the Town of Elm City. On the sewer side, Lucama, Black Creek, and Simms are serviced along with the City of Wilson.

Parks says he has worked his way up through the ranks of the water industry, starting with the town of Apex in 1982 as its water treatment operator. In 1983, he won the North Carolina Waterworks Operators Association’s Operator of the Year award! The following year he started with the City of Wilson.

“February 15, 1984 to be exact,” he says. “I have a lot of good people I work with and I started out as the water treatment manager, responsible for the city’s two plants.”

Parks has a degree from the University of North Carolina at Chapel Hill in Chemistry and holds an A-Surface, a Wastewater Treatment II, C Distribution, Grade I Collection Systems, and Spray Irrigation certifications. He took a job as a chemist with a small private lab in Raleigh after he graduated from UNC, but was eventually laid off due to an economic downturn.

“Like a lot of us do that have a wife and house payment, I had to find a job very quickly,” he says. “I found the job with the Town of Apex and that is where I started my water career in 1982.”

Parks has kind of come full circle since his days at Apex. He says back in those days you had to do everything, which allowed him to help with wastewater issues and distribution piping. Gaining that experience has really helped him advance with the City of Wilson and prepared him to oversee both the water and wastewater sides. He says the water industry is constant and so much goes on behind the scenes that people are never even aware of and he thinks this is how it should be.

“Expected and we are supposed to be the non-thought about utility,” Parks says. “It’s supposed to be so reliable and safe that people don’t think about it. Just like your power, it’s expected and good. It’s that way because we are providing a reliable, safe product. It’s a 24-hour a day job. I have a lot of really super good people that are dedicated to doing what they are supposed to be doing and sometimes it’s in the middle of the night and in bad weather.”

Parks does have a concern for the water industry and feels that water industry professionals across the state share the same concern that there doesn’t seem to be a lot of new people coming into the industry. Parks says he sees people retiring every day from the industry and replacing them is getting more difficult.



“We have a definite graying of our industry,” he says. “It’s not easy to replace that brain drain and experience drain. People don’t seem to be thinking about that. I am an example of how you can have career advancement. I have an education background, but I have seen people to do it without one.”

Parks feels this is a big selling point for water industry careers; that you don’t have to obtain a 4-year degree to be a water professional and advance in the field. He says most places will give you on the job training and send you to school for the required certifications while you work.

Although Parks is 33 years into his career, he has no plans of retiring. He says he still has a daughter in college. When that time finally comes, he intends to be active in his church playing bells, singing in a quartet, and doing some white water rafting. For now, he is very content in his job with the City of Wilson.

Operator's Spotlight

A Conversation with Phillip Turbyfill

The Town of Weaverville, located in northern Buncombe County, has 2,500 water connections that equals about 62 miles of pipe and it's Phillip Turbyfill's job as Water Distribution Supervisor to make sure that water is distributed "clean, clear and potable."

Turbyfill has been with the Town of Weaverville for 17 years. He has a maintenance crew of three plus one meter reader that helps him with the day-to-day operations.

"These guys are my arms and legs," he says. "I love them to death."

Turbyfill says his career in water officially began with the City of Asheville where he was a trade worker in pumps and reservoirs as well as the scada system manager for 10 years. However, he grew up in the industry.

"I think I was born in it," he laughs. "It was planned for me, not me planning. My grandfather owned a commercial plumbing business and I was introduced to plumbing at the ripe old age of 5."

He studied drafting and design technology for a short stint in school and realized that was just not for him. He says it all just fell into place with Asheville because they needed someone and he was looking to leave his textile mechanics job. Turbyfill is very proud of the work he has done over the course of his 17 years. He is responsible for the maintenance crew, locating, customer service, meter reading, tap installations, and plan reviews for water main extensions. He says it is replace and repair.

"We have done a lot of replacement and my philosophy is if it's rusty replace it, not just repair it," he says. "Our unaccounted water is 3-6 percent a month and the industry average is 15 percent. We are really fortunate to keep as much of our water in the pipes as possible. We pride ourselves in keeping our system water tight."



"This is the most secure job on the planet. You can't get water through a data connection. There is always going to be pipes in the ground and I don't regret being in this industry."

The thing he likes the most about being on the distribution side is problem solving. He really enjoys helping the town maintain a tight water system and helping to find solutions for consumption and distribution problems. He says he can retire in exactly 5 years and 3 months and plans on playing a lot of golf and spending time with his grandchildren.

Until then, he will continue with the Town of Weaverville and be looking for the best and brightest that love what they do to join the Weaverville team. He says what a lot of other industry leaders say, there are not enough people choosing water as a career.

"It's hard to find guys that love what they are doing," he says. "It's getting harder and harder to do. Most towns will train you on the job and the certifications will come with the training. This is the most secure job on the planet. You can't get water through a data connection. There is always going to be pipes in the ground and I don't regret being in this industry."



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The City of Roxboro is a small community located north of Durham and is the only municipal water supply in Person County. The water system serves approximately 12,000 people with some industrial customers.

The City commissioned a new conventional water plant to be built in 1953 which had 2 slow sand filters. As more water demand grew the city expanded the water plant in 1963 with the addition of another settling basin and filter and replaced all filter media with dual media sand and anthracite coal. That expansion increased the plant capacity to 8 MGD.

Water supplied to the water plant comes from Roxboro City Lake with approximately 200 acres and Lake Roxboro with approximately 600 acres. For future use Roxboro has acquired the permitting for use of Dan River in Milton NC that could yield about 60 MGD.

In 2009 and 2010 we started having high THM's with the Stage 1 DBP rule. Some of this problem with the THM's was due to major industries (that used a large volume of water) closing down which created a high water age in our distribution system. Also our source water TOC's had gradually increased over 10 years which was suspected partly due to lower usage from the City Lake. In 2010 we began a study with ferric sulfate and found that we could switch from aluminum chloride (as a coagulant) to ferric sulfate and get better results. The drawback of using ferric sulfate was that it would take a large volume of that chemical and more caustic to balance the ph. This also would create more waste sludge.

With the start of the Stage 2 THM and HAA5 rule, we knew we would have violation potentials with our maximum residence locations. In 2009 we had already began working with our city engineering consultant to look at a long term solution to meeting the Stage 2 DBP rule. We began a study with Orica Water Care now IXOM. With the TOC levels we were getting, the test showed that about 80% to 90% of the levels were DOC's and the current chemical treatment was limiting removal. Our city engineering consultant compared different treatment strategies and the handling of treatment

waste and it was more cost effective (with better water quality) if we used the Orica Water Care using the MIEX system. This consisted of using a constructed contactor with the addition of a DOC magnetic resin that would remove a large portion of the DOC's. Then the aluminum chloride would easily remove the remaining organics in our current treatment process.

The Miex treatment went online in November 2014. This system uses salt to clean the resin and to regenerate it. The resin is regenerated currently at 2 gallons per million gallons treated. The use of the resin allowed us to reduce the aluminum chloride dose to 8 parts per million dry weight and in turn reduced the caustic for ph adjustment. The chlorine demand was reduced due to less TOC levels. We were able to reduce the TOC's from 6.00 mg/l on the raw water to 2.5 mg/l and to 1.1 mg/l after the MIEX system in our finished water.

During the construction period we also switched from gas chlorine to sodium hypochlorite. The sodium hypochlorite and the lower TOC's enables the distribution system to maintain a more consistent chlorine residual. Our THM's are in control at this time and at our maximum residence locations, keeping us in compliance with state and federal drinking water standards.





Sammy Yarboro
Superintendent



Tyler Solomon & Brandon Smith
Operators



What's happening at your plant?

Are you going through an upgrade, adding some new features, starting a new process? Want to share your experience with other operators?

NCWOA would love to include your article in Go With The Flow.
Anyone interested please contact Heather Cagle at heather@ncwoa.com

Starting in January 2016, the *Go With the Flow* will be issued in January, April, July, and October.

2016 seminar information will be listed in the January 2016 issue.

Interested in hosting a NCWOA Training Seminar?

Location Requirements:

Classroom seating for
at least 40 people
Separate area to
serve catered lunch
Adequate parking
Internet capabilities
Projection screen

Seminar Themes:

Groundwater Systems
Residuals/Solids Handling
Sourcewater Protection &
Management
Reverse Osmosis
NPDES Permitting

*You can choose the theme & we will
work in special topics specific to your
area.*



**Anyone interested please contact Heather Cagle
at 336.803.6525 or heather@ncwoa.com.**

NCWOA Spring Operators School
April 4-8, 2016 • Foothills Education Center • Morganton, NC

NCWOA Seminars with Proposed Agendas

All NCWOA seminars listed on pages 6-8 are for 6.0 contact hours and are pre-approved by the NCWTF0CB for treatment and distribution operators. Many of the seminars will also qualify for 6.0 wastewater contact hours. Individuals that attend an entire seminar will receive a Certificate of Attendance for 6.0. Please see each individual seminar agenda or description for details. Registration form is available on page 9.

Getting in Touch with Your Chemical Side

October 13, 2015 in Statesville and December 17, 2015 in Dunn

8:00 - 8:30	Registration & Welcome	11:45 - 12:45	Lunch Provided on Site
8:30 - 8:45	Regulatory Update	12:45 - 2:15	Feeding and Storing Your Chlorine Safely
8:45 - 9:30	Working with your chemical supplier to tailor to your needs	2:15 - 2:30	Break
9:30 - 10:15	The importance of proper bulk chemical scheduling	2:30 - 3:15	Picking Your Polymer - Finding the polymer that works best for you
10:15 - 10:30	Break	3:15 - 4:00	Chemicals + Optimization = Savings
10:30 - 11:45	Caustic Storage and Safety	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications

Distribution, Collection and O&M (in coordination with the City of Greensboro)

October 20, 2015 in Greensboro

8:00 - 8:30	Registration & Announcements	1:00 - 1:30	OSHA for Collection/Distribution, HDR
8:30 - 9:15	Regulations for Distribution and Collection NCDENR	1:30 - 2:15	Water Distribution O&M/Optimization, CDM Smith
9:15 - 10:10	Maintenance, Dell Harney, Greensboro	2:15 - 2:30	Break
10:10 - 10:25	Break	2:30 - 3:15	Asset Management, CDM Smith
10:25 - 10:55	Pipeline Assessment & Rehab, CDM Smith	3:15 - 3:45	IDSE Case Study
10:55 - 11:25	Collection Corrosion Control, HDR	3:45 - 4:00	Group Q&A, All
11:25 - 12:00	Modeling of Distribution Systems, H&S	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications
12:00 - 1:00	Lunch (provided)		

Grab it Right: What You Need to Know About Sampling & Reporting

November 5, 2015 in Kinston

8:00 - 8:30	Registration	1:00 - 1:30	New LDS Software for Reporting - PWS Section or Lab
8:30 - 8:40	Welcome		
8:40 - 9:00	PWS Section Regional Office Regulatory Update	1:30 - 2:00	Maintaining Records and Retention Schedules
9:00 - 10:00	Sampling Plans/Brief Where to Sample - PWS Section	2:00 - 2:30	How to Verify Submittal of Results
10:00 - 10:15	BREAK	2:30 - 2:45	BREAK
10:15 - 10:35	Sampling In the Plant - Ground Water Perspective	2:45 - 3:30	New Equipment/Instruments in the Market for Sampling and Testing - Focus on Field/Plant Sampling
10:35 - 11:05	Sampling In the Plant - Surface Water Perspective		
11:05 - 12:00	Distribution System Sampling	3:30 - 4:00	Working With and Choosing a Lab
12:00 - 1:00 pm	LUNCH	4:00	Certificates awarded for 6 Contact hours for all DRINKING WATER certifications

For online seminar registration please check our website www.ncwoa.com

We Appreciate Our Corporate Sponsors!



Jack Moore & Associates, Inc.



Update from Certification Board

The Certification Board met on September 15, 2015. During the meeting the Board was updated on two items from the staff.

1. The final stages are being put into place for the Certification Board (NCDENR - Division of Water Resources - PWS) to be able to receive renewal payments electronically.
2. The on-line Drinking Water Operator Portal is also close to completion. This portal will allow an operator to review his/her contact information, continuing education credits, certificate renewal payments, examinations, certificates and facilities for which he/she is an ORC. Operators may also update certain information within the portal.

The State and Certification Board staff have been looking at ways to improve efficiency and allow operators to have more information at their fingertips.

Additional NCWOA Sponsored Training

Process Control Chemistry
March 1-4, 2016
Contact Michelle 919-807-8756

Bacteriological Methods for Drinking Water
Feb. 16-18, 2016
Contact Michelle 919-807-8756

NCWOA Spring School
April 4-8, 2016 in Morganton
A, B, & C Surface
B & C Well

Advanced Day, April 6, 2016
Brochures out around Jan 10, 2016

Lab Tech Day
THURSDAY May 5, 2016 in Raleigh
Brochures out around Feb 15, 2016

See January issue for more
2016 training events.

North Carolina Waterworks Operators Association

SEMINAR REGISTRATION FORM

Deadline for entry is receipt at least 4 business days before a seminar.

Space is limited - First Paid, First Accepted



Please Print or Type

NAME (First, MI, Last): _____ Nickname (For Tag) _____

SOCIAL SECURITY # (last 4 digits): XXX-XX-_____ EMPLOYER: _____

MAILING ADDRESS _____

CITY: _____ COUNTY: _____ STATE: _____ ZIP: _____

WORK PHONE: _____ Ext: _____ FAX: _____

EMAIL ADDRESS: _____

NC WATER TREATMENT CERTIFICATE # (OPERATOR ID #): _____ NCWOA MEMBER # : _____

NC WATER TREATMENT CERTIFICATE TYPE: ☐ AS ☐ BS ☐ CS ☐ AW ☐ BW ☐ CW ☐ DW ☐ AD ☐ BD ☐ CD ☐ DD ☐ CC/BF ☐ None

NC WASTEWATER CERTIFICATION # (OPERATOR ID #): _____ (Applies only to seminars indicated with a ^)

NCWOA MEMBER PRICE IS \$65.00 (Must put your INDIVIDUAL NCWOA membership number on the line above to qualify)

NON-MEMBER PRICE IS \$95.00 (**Free 2016 NCWOA membership included in this price.)

***Getting in Touch with Your Chemical Side - October 13, 2015 in Statesville	Cost \$ _____
***Distribution, Collection and O&M - October 20, 2015 in Greensboro	Cost \$ _____
***Grab it Right: What You Need to Know About Sampling & Reporting - November 5, 2015 in Kinston	Cost \$ _____
***Getting in Touch with Your Chemical Side - December 17, 2015 in Dunn	Cost \$ _____

Registration information for future seminars will be available in the January issue of Go With the Flow.

Please make checks payable to "NCWOA" or "North Carolina Waterworks Operators Association". We do NOT accept Purchase Orders. Credit Card payments may be mailed, faxed, or scanned but NOT called in. A confirmation letter/receipt and map will be mailed to each attendee once full payment is received.

REFUNDS: We will issue a refund (minus a \$20 administrative fee), if the refund is requested, in writing, at least 7 business days prior to the event. Refunds will be made in the same manner as payment. Substitutions may be made. Please inform us, as soon as possible, of substitutions so that the appropriate certificates of attendance may be generated.

CONTACT HOUR INFORMATION: Each of the seminars are worth 6 contact hours and have been PRE-APPROVED by the NCWTFO Certification Board for Water Treatment Facility Operators continuing education hours. All seminars marked with a "A" have **ALSO** been pre-approved by the Wastewater Commission for 6 hours.

CREDIT CARD PAYMENT

Credit Card Type: ☐ Visa ☐ MC ☐ AmEx ☐ Discover

Name on Credit Card: _____

Credit Card Number: _____

Exp Date: Month _____ Year _____ Security Code from back of Card _____

Cardholder's Signature: _____

If cardholder is other than attendee, what email address should the CC receipt be sent to? _____

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Administrator
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094
Fax: 252-764-2095
Email: cindy@ncwoa.com

.....
: Credit Card Payment :
: Cannot be Processed :
: Over the Phone :
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NCWOA USE: Amount: _____ CK# _____ E S Processed: _____

North Carolina Waterworks Operators Association

MEMBERSHIP APPLICATION

MISSION STATEMENT: To provide knowledge, skills & educational opportunities for drinking water professionals; develop working relationships with other water treatment organizations; project a positive image and communicate the importance of safe drinking water.



Membership Application

NEW OR RENEWAL MEMBERSHIP APPLICATION – ANNUAL DUES ARE \$25.00 FOR 2016

First Name: _____ Middle Initial: _____ Last Name: _____

Nickname: _____ Social Security # (last 4 digits): xxx-xx-_____ If Renewal, what is your NCWOA Member #: _____

YOUR Individual Operator Certification #: (Issued by NCWTFOCB) _____

Certificate(s) Held:

____ A-Surface ____ B-Surface ____ C-Surface ____ A-Well ____ B-Well ____ C-Well ____ D-Well

____ A-Dist ____ B-Dist ____ C-Dist ____ D-Dist ____ Cross-Connection

____ Wastewater #'s & certificate type

____ None Yet ____ You are not an Operator & do not plan to become Certified.

PLEASE SELECT YOUR PREFERRED ADDRESS (This is where confirmations & membership info will be sent.)

____ Home Address: _____

City: _____ State _____ Zip _____ County: _____

____ Employer Name: _____

MAILING Address: _____

City: _____ State _____ Zip _____ County: _____

Work Phone : _____ Ext: _____ Fax: _____

Home Phone: _____ Cell Phone: _____

Email Address: _____

How would you like to receive your issues of Go With The Flow? Postal Delivery _____ OR Email _____

How would you like to receive your Section Meeting notices? Postal Delivery _____ OR Email _____

NOTE: Memberships are based upon a calendar year. Membership cards will be mailed with receipt. These cards will contain your name, membership number, and membership expiration date.

NOTE: Please make checks payable to "NCWOA" or "North Carolina Waterworks Operators Association". We do NOT accept Purchase Orders. Credit Card payments may be mailed, faxed, or scanned but NOT called in

CREDIT CARD PAYMENT

Credit Card Type: ____ Visa ____ MC ____ AmEx ____ Discover

Name on Credit Card: _____

Credit Card Number: _____

Exp Date: Month _____ Year _____ Security Code from back of Card _____

Cardholder's Signature: _____

If cardholder is other than member, what email address should the CC receipt be sent to? _____

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

NCWOA USE: Amount: _____ CK# _____ E S Processed: _____

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Administrator
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094
Fax: 252-764-2095
Email: cindy@ncwoa.com

.....
: Credit Card Payment :
: Cannot be Processed :
: Over the Phone :
.....

Committee Members

2015-2016 Executive Committee

President

Julius Patrick
Greenville Utilities
Phone: (252) 551-1561
Email: patricje@guc.com

First Vice-President

Jeff Isley
City of Concord
Phone: (704) 920-5723
Email: isleyj@concordnc.gov

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Email: kloflin@owasa.org

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Chair - Public Image

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Chair – Nomination Committee

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Chair – Western Section

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Email: ray@ncwoa.com

Chair – North Piedmont Section

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Piedmont Triad Regional Water
Authority
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Email: spope@ptrwa.org

Chair – South Piedmont Section

Paul Judge
PWS - MRO
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Email: paul.judge@ncdenr.gov

Chair – Southeast Section

James Merritt
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Email: james.merritt@faypwc.com

Chair – Northeast Section

Mike Houston
Jones County
Phone: (252) 448-8000 ext. 310
Email: mhouston@jonescountync.gov

Distribution Officer

Jeremy Godfrey
City of Asheville
Phone: (828) 259-5991
Email: jgodfrey@ashevillenc.gov

2015-2016 Committees

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Board Director: Randy Hawkins

Ricky Langley (Chair)
Randy Hawkins
Chris Smith
Ken Loflin
Julius Patrick
Jeff Isley

Professional Development Committees

Board Director: Julius Patrick

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Howard Corey
Diane Williams
Tim Bishop
Seola Hill
Vance Brooks
Tony Mencome
Pam Moss
Allan O'Briant
Dail Booth
Lee Latham

Mike Ping
Kenny Neal
Brian Wilson
Carl Scharfe
David Lutz
Julia Cavalier
Kelley Wilber
Dyk Luben

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Lee Kiser
Chris Smith

Lab Analyst

Chris Goforth (Co-Chair)
Bernadine Wardlaw (Co-Chair)
Amy Watters (Co-Chair)
Jeff Isley
Sandra Bradshaw
Patricia Quinchett
Cindy Gall
Dustin Guyer
Chris Johnson
Steve Beale
Jesse Chadwick
Gina Kimble
Chris Johnson
Elizabeth Meyer

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Julius Patrick
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Heather Adams
Adam Waters
Mark Hahn
Chris Smith
Jay Van Hoose
Rani Holland
Tommy Overby
Randy Hawkins
Jeff Carlisle
Ken Loflin
Dail Booth
Paul Judge

Public Image Committees

Board Director: Leslie Carreiro

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Pam Gibbons
Bessy Farmer
Julius Patrick
Steve Pope

Tom Boyd

Sam Molinas
Paul Judge
James Merritt
Mike Bell
Ray McCall
Ken Loflin
Jeremy Godfrey
Mike Houston
Chad Flanagan

Operator of the Year Award

Chris Smith (Chair)
PWS Representative - Joey
White
Russell Bateman

Leadership Committees

Board Director: Jeff Isley

Nominating

Sam Molinas (Chair)
Mike Houston
Paul Judge
James Merritt
Steve Pope
Ray McCall

Rules

Tommy Overby (Chair)
Mack Edmisten
James Fuller
Ricky Langley
Jay Van Hoose
Marty Wilson

Section Meetings

If your facility would be interested in hosting any of these meetings, please contact your section chair listed above. To see who you have been missing at the section meetings, check out the section meeting button on our website at www.ncwoa.com!

Northeast	Southeast	North Piedmont	South Piedmont	Western
10/8/15 Hookerton	10/15/15 Tar Heel	10/21/15 Henderson	10/22/15 Shelby	10/1/15 New River State Park
12/10/15	1/21/16			

Cindy Gall, Administrator
N.C. Waterworks Operators Association
PO Box 4519
Emerald Isle, NC 28594

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Important Phone Numbers & Websites

Main Phone # for Certification Board	919-707-9040	www.ncwater.org/?page=61
Jessica Godreau, PWS Section Chief	919-707-9078	
Linda Raynor, Compliance Services Branch	919-707-9095	
Robert Midgett, Operation Branch	919-707-9088	
Jay Frick, PWS – Protection & Enforcement Branch	919-707-9102	
Bethany Goodwin, PWS – Consumer Confidence Reports	919-707-9079	
Public Water Supply Offices:		www.deh.enr.state.nc.us/pws
<i>Central Office</i>	919-707-9100	
<i>Asheville</i>	828-296-4500	
<i>Mooresville</i>	704-663-1699	
<i>Winston-Salem</i>	336-776-9800	
<i>Raleigh</i>	919-791-4200	
<i>Fayetteville</i>	910-433-3300	
<i>Washington</i>	252-946-6481	
<i>Wilmington</i>	910-796-7215	
NC State Laboratory of Public Health	919-733-7308	
SDWA Hotline	800-426-4791	
EPA SDWA Website		www.epa.gov/safewater
EPA Microbial & DBP Data from Drinking Water Systems Website		www.epa.gov/enviro/html/icr
NC Waterworks Operators Association (NCWOA)	252-764-2094	www.ncwoa.com email: cindy@ncwoa.com
NC Rural Water Association	336-731-6963	www.ncrwa.com
NC AWWA-WEA	919-784-9030	www.ncsafewater.org

